

Please amend the claims as follows:

b1 23. A device comprising a physiologically compatible, pliable, elongated, synthetic polymeric [section] implant adapted for implantation within a human cornea and having a configuration prior to implantation in [said] the cornea, the implant comprising a plurality of adjoining sections each constructed to effect correction of a refractive disorder of the eye after implantation, the cross-sectional area of the implant changing substantially stepwise from one section to an adjoining section.

Sub D2 24. The device of claim 23 wherein [said device includes at least two of said sections,] the cross-sectional areas of said [at least two] plurality of sections [being] are substantially different.

b2 Sub D3 28. An insert precursor suitable for introduction into a human cornea, said insert precursor comprising a physiologically compatible member having two ends and [an axis] an elongate body extending therebetween, the body comprising at least two adjoining portions at least of which is constructed to effect correction of a refractive disorder of the eye after implantation, the cross-sectional area of said member changing substantially stepwise from one portion to the next [in at least one step] along the [axis] body.

b3 30. The insert precursor of claim 28 wherein [a] at least one of said portions of the member is constructed to effect correction of a predetermined refractive disorder of an eye.

Please add new claims 31-39:

Sub D4 -- 31. The insert precursor of claim 28, wherein the length of at least one of said portions is less than the circumference of a human cornea.

b4 32. The insert precursor of claim 28, wherein the length of at least one of said portions approximate the circumference of a human cornea.

33. The insert precursor of claim 28, wherein the insert precursor has a modulus of elasticity less than about 3.5 kpsi,

34. The insert precursor of claim 28, wherein the cross-sectional area of said member changes substantially stepwise over a region from one portion to the next along the body.

Sub E 2 35. A ~~implant comprising multiple sections each adapted for implantation within the cornea of a human eye, said sections having substantially different cross-sections and having a modulus of elasticity less than about 3.5 kpsi, at least one of said sections being adapted to effect~~ correction of a refractive disorder of the eye.

36. The implant of claim 35 wherein said at least one section has a modulus of elasticity between 1 psi and 1 kpsi.

34 cont'd 37. The implant of claim 36 wherein said at least one section has a modulus of elasticity between 1 psi and 500 psi.

38. A method for effect a refractive correction of a human cornea, comprising:
implanting at least a portion of at least one section of an implant, having multiple sections each having a different cross-sectional area, into the cornea, and allowing at least another one of said sections to be exterior to the cornea; and
removing said at least another one of said sections exterior to the cornea from the implanted portion of the implant.

39. The method of claim 38, wherein at least two sections of said implant are exterior to the cornea after said implanting and wherein said removing includes removing said at least two sections of said implant from the implanted portion of the implant.--

REMARKS

By way of this amendment, claims 25-27 and 29 are cancelled, claims 23, 24, 28 and 30 are amended, and new claims 31-39 are added. As a result, claims 23, 24, 28, 30-39 are pending. No new matter was added by way of this amendment. For example, support for new claims 33